

PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION

455 12TH STREET, S.W.

WASHINGTON, D.C. 20554

News media information 202/418-0500 Fax-On-Demand 202/418-2830

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Report No. 366 EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 3/1/04 to 4/1/04:

- **WD2XES JOHN K. ANDREWS 0155-EX-PL-2003**
New experimental to operate in 135.7-138 kHz and 166-166.5 kHz for propagation testing.
Fixed: Holden (Worcester), MA
- **WD2XGI REID, MICHAEL J. 0228-EX-PL-2003**
New experimental to operate in 135.7-137.8 and 160-190 kHz for propagation studies and research of low frequency communications.
Fixed: St. Francis (Anoka), MN
- **WD2XIG DUKE POWER COMPANY 0022-EX-PL-2004**
New experimental to operate in 1.7-30 MHz for broadband power line testing.
Fixed: Charlotte (Mecklenburg), NC
- **WC2XPL RADIO PROPAGATION SERVICES, INC. 0083-EX-PL-2001**
New experimental to operate on certain frequencies from 2-30 MHz for test and development of chirping technology.
Fixed: Boulder Creek (Santa Clara), CA
- **WD2XIW EAST ELEMENTARY SCHOOL RADIO CLUB 0070-EX-PL-2004**
New experimental to operate in 27.245-27.255 MHz for school testing.
Fixed: Kansas City (Jackson), MO
- **WD2XHZ SAN FRANCISCO STATE UNIVERSITY, GEOSCIENCE DEPT. 0055-EX-PL-2004**
New experimental to operate CODAR radar on 42.5 and 44.3 MHz for monitoring and measuring ocean/bay surface currents.
Fixed & Mobile: Tiburon (Marin), CA
- **WD2XHY E.F. JOHNSON CO. 0031-EX-PL-2004**
New experimental to operate in 150-174, 450-470, 470-512, 762-806, and 806-869 MHz, for equipment manufacturer's testing of radios at their facility for Parts 22, 74, 90, 95 and 101.
Fixed & Mobile: Irving (Dallas), TX
- **WD2XIS VEHICLESENSE, INC. 0066-EX-PL-2004**
New experimental to operate in 902-928 MHz for test and development of Street Parking Information Network.
Fixed: Cambridge (Middlesex), MA; West Hartford (Hartford), CT; New Haven (New Haven), CT; Durham (Strafford), NH; Hollywood (Broward), FL
- **WD2XHG VAISALA INC. 0011-EX-PL-2004**
New experimental to operate on 915 MHz for production testing of wind profiler radars.

Fixed: Tucson, AZ

- **WD2XHQ INTERDIGITAL COMMUNICATIONS CORPORATION 0016-EX-PL-2004**
New experimental to operate in 1920-1952 MHz and 2110-2142 MHz for testing WCDMA.
Fixed & Mobile: King of Prussia (Montgomery), PA
- **WD2XHR INTERDIGITAL COMMUNICATIONS CORPORATION 0017-EX-PL-2004**
New experimental to operate in 1920-1952 MHz and 2110-2142 MHz for testing WCDMA.
Fixed & Mobile: Melville (Suffolk), NY
- **WD2XHW LOCKHEED MARTIN CORPORATION 0041-EX-PL-2004**
New experimental to operate on 2365.5, 2368.5, 2375.7, 2376.5, 2380.5 and 2383.5 MHz for aeronautical flight telemetry in support of USAF contract.
Mobile: Orlando, FL
- **WD2XIH ALCATEL USA MARKETING, INC. 0049-EX-PL-2004**
New experimental to operate in 2400-2483.5 MHz for propagation testing.
Fixed: San Angelo (Tom Green), TX; Orient (Tom Green), TX
- **WD2XBL GENERAL DYNAMICS ROBOTICS SYSTEMS (GDRS) 0290-EX-PL-2002**
New experimental to operate in 2418-2497 MHz to test WLAN land mobile robots.
Mobile: US Army Air Defense Artillery Center, Fort Bliss, New Mexico, Shorad Range
- **WD2XIF ORBITAL SCIENCES CORPORATION 0018-EX-PL-2004**
New experimental to operate in 3700-4200 and 5945-6425 MHz for test and development of satellite systems.
Fixed: Dulles (Loudoun), VA
- **WD2XHV ARUBA WIRELESS NETWORKS 0023-EX-PL-2004**
New experimental to operate in 5470-5725 MHz for development of Part 15 network equipment.
Fixed: New York, NY
- **WD2XGO IWL COMMUNICATIONS INC DBA CAPROCK SERVICES CORP. 0248-EX-PL-2003**
New experimental to operate in 5925-6425 MHz for testing antennas.
Fixed: Houston (Harris), TX
- **WD2XHJ IWL COMMUNICATIONS INC. DBA CAPROCK SERVICES CORP. 0015-EX-PL-2004**
New experimental to operate in 5925-6425 MHz for testing antennas.
Fixed: St. Rose (St. Charles), LA
- **WD2XHU INTELSAT LLC 0021-EX-PL-2004**
New experimental to operate in 14-14.5 GHz with downlink receive on 10.95-11.2 GHz and 11.45-12.2 GHz for testing VSAT systems.
Fixed: Washington, DC
- **WD2XGA LOCKHEED MARTIN CORPORATION 0224-EX-PL-2003**
New experimental to operate on 16.9 GHz for Radar testing.
Fixed: Orlando (Orange), FL; Goodyear (Maricopa), AZ; Eglin AFB (Okaloosa), FL
- **WD2XFQ HELLA ELECTRONICS 0201-EX-PL-2003**
New experimental to operate in 24-24.5 GHz for developing vehicle radar.
Fixed: Livonia, MI
- **WD2XHD ENSEMBLE COMMUNICATIONS, INC 0001-EX-PL-2004**
New experimental to operate in 24 GHz, 25 GHz, 27 GHz, 31 GHz and 38 GHz bands for testing and demonstration of fixed microwave service equipment.
Mobile: Continental United States, Alaska & Hawaii